

AMENDMENTS TO THE CLAIMS

1. (Original) A heating drying type infrared moisture meter which detects the temperature of a heated and dried sample by using temperature detection means for carrying out moisture content determination, wherein said temperature detection means is configured with a radiation thermometer which carries out infrared radiation detection.
2. (Original) The heating drying type infrared moisture meter according to claim 1, wherein said radiation thermometer is disposed just above, aslant above, just under, or aslant under a sample plate, which is a component of said heating drying type infrared moisture meter, with a definite separation from a sample on the sample plate being provided.
3. (Original) The heating drying type infrared moisture meter according to claim 1, wherein said radiation thermometer is disposed in a location where it is permitted to receive infrared radiation which is conducted through a light conducting member disposed above a sample plate, which is a component of said heating drying type infrared moisture meter.
4. (Currently Amended) The heating drying type infrared moisture meter according to ~~any one of the claims~~ claim 1-to-3, wherein said radiation thermometer is covered with a heat insulating material.
5. (Currently Amended) The heating drying type infrared moisture meter according to ~~any one of the claims~~ claim 1-to-4, wherein the light receiving portion of said radiation thermometer is provided with a removable clear protection cover.
6. (Currently Amended) The heating drying type infrared moisture meter according to ~~any one of the claims~~ claim 1-to-5, wherein a heating reference element for carrying out temperature calibration of the radiation thermometer is removably disposed inside of said sample plate.

7. (Original) A heating drying type infrared moisture meter which detects the temperature of a sample heated and dried on a sample plate by using temperature detection means for carrying out moisture content determination, wherein

said temperature detection means is a radiation thermometer which is covered with a heat insulating material, being disposed just above, aslant above, just under, or aslant under the sample plate with a definite separation from a sample on the sample plate being provided, and which light receiving portion is provided with a removable clear protection cover, and

a heating reference element for carrying out temperature calibration of the radiation thermometer is removably disposed inside of said sample plate.

8. (Original) A heating drying type infrared moisture meter which detects the temperature of a sample heated and dried on a sample plate by using temperature detection means for carrying out moisture content determination, wherein

said temperature detection means is a radiation thermometer which is covered with a heat insulating material; which light receiving portion is provided with a removable clear protection cover; and which is disposed in a location where it is permitted to receive infrared radiation which is conducted through a light conducting member disposed above a sample plate, and

a heating reference element for carrying out temperature calibration of the radiation thermometer is removably disposed inside of said sample plate.